

CLAIMS

What we claim is:

- 5 1. A user interface for performing operations on a collection of semantic objects, the user interface comprising:
 - a context panel containing one or more context entry points, wherein semantic objects are organized into hierarchically arranged categories; and
 - a filtering panel wherein filters are utilized to identify a set of semantic
 - 10 objects, the filters selected based on a set of rules and wherein a pre-defined set of filters can be saved as a reusable filter element in the user interface.
2. A method of filtering semantic objects from a set of semantic objects, the method comprising:
 - 15 creating a set of filters wherein a filter is selected from a collection of features wherein the filters in the set of filters maybe limited by rules; and
 - applying the set of filters to a set of semantic objects thereby deriving a subset of semantic objects.
- 20 3. A method of organizing semantic objects, the method comprising:
 - creating a context containing one or more semantic objects wherein the semantic objects are selected based on a criteria chosen by a user;
 - sharing the context with one or more peers on a network;
 - performing operations in a context thereby informing one or more peers
 - 25 on the network that operations are being performed in the context; and
 - selecting a current work context such that any operations performed on the computing device containing the context is associated with the current work context and semantic objects contained in the current work context.

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